

IN THE SPECIFICATION:

Please replace the paragraph beginning on page 5, line 13:

Cylindrical housing 20 of microminiature gauging displacement sensor 22a includes coil 24 and moveable core 26, as shown in FIG. 1a. Housing 20 is fabricated of stainless steel, titanium, or a ferromagnetic material such as martensitic stainless steel. It could also be fabricated of a plastic or ceramic material. Cylindrical housing 20 has an outside diameter D_o that can be as small as 1.4 mm. Other size housings can also be formed, including sizes in the range from about 1.4 mm to over about 3 mm including sizes as small as 1.6 mm, 1.8 mm, 2.0 mm, 2.5 mm, and 3.0 mm.